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NPIC/R-1324/63 June 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR BRASS KNOB MISSION 3624 8 JUNE 1963



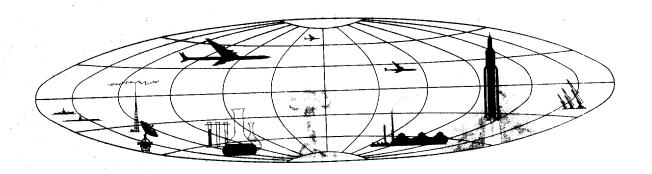








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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3624, DATED 8 JUNE 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER. APPROXIMATELY 50 PERCENT OF THE AREA WAS CLOUD COVERED.

-MISSILES-

25X1A

GUANAJAY IRBM SITE 1 2257N Ø8239W

25X1D

SITE IS ABANDONED.
THREE CARGO TRUCKS AND 6 UNIDENTIFIED VEHICLES
OBSERVED NEAR ARCHED-ROOF BUILDING.

GUANAJAY IRBM SITE 2 2257N Ø8236W

SITE IS ABANDONED. SEVENTEEN CARGO TRUCKS, 10 UNIDENTIFIED VEHICLES, AND AT LEAST 4 FA PIECES OBSERVED IN SUPPORT AREA.

25X1D

TAPASTE AREA, STORAGE SITES 2303N 08207W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

SITE CONTAINS 6 REVETTED LAUNCHERS, 3 HOLD POSITIONS, 3 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

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25X1D

25X1A

MATANZAS SAM SITE 2301N 08129W

SIX UNREVETTED LAUNCHERS (3 CANVAS-COVERED), 2 CANVAS-COVERED MISSILE TRANSPORTERS, 8 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

25X1D

CIENFUEGOS SAM SITE 2202N 08024W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 2 MISSILE HOLD POSITIONS, AND AN OCCUPIED GUIDANCE AREA.

25X1D

SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W

SITE CONTAINS 6 CANVAS-COVERED LAUNCH REVETMENTS, A CANVAS-COVERED HOLD POSITION AND AN OCCUPIED GUIDANCE AREA.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

AREA CONTAINS 22 MISSILE TRANSPORTERS, 6 FLATBED TRACTOR TRAILERS, 27 UNIDENTIFIED TRAILERS, AND APPROXIMATELY 30 MISSILE CANISTERS.

25X1D

PINAR DEL RID SAM ASSEMBLY AREA 2221N Ø8339W

APPROXIMATELY 25 MISSILE TRANSPORTERS
(2 CANVAS-COVERED) AND 6 OTHER VEHICLES OBSERVED.
EARLY MORNING SHADOWS LIMIT INTERPRETATION.

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25X1A

MANAGUA SAM SITE 2259N Ø8215W

25X1D

SITE CONTAINS 6 REVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

SITE CONTAINS 2 CANVAS-COVERED REVETTED LAUNCHERS, A CANVAS-COVERED PARKING SHELTER, 10 CRUISE-MISSILE CRATES (3 CANVAS-COVERED), 6 UNIDENTIFIED VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA.

25X1D

25X1A

CAMPO FLORIDO CRUISE-MISSILE SITE 2306N 08211W

ERS.

TWO CANVAS-COVERED LAUNCHERS, 8 MISSILE TRANSPORTERS, 10 PRIME MOVERS, 10 CRUISE-MISSILE CRATES, 2 PROBABLE VAN TRUCKS, 4 CARGO TRUCKS, 20 UNIDENTIFIED VEHICLES, 4 LARGE (3 NOT OF A KNOWN SOVIET TYPE) AND 2 MEDIUM TENTS, AND A CANVAS-COVERED GUIDANCE AREA.

25X1D

-AIRFIELDS-

25X1A

CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W

AIRCRAFT -- 6 PROBABLE FAGOT/FRESCO OBSERVED IN CLOUD-FREE AREAS.

25X1D

SIGUANEA AIRFIELD 2138N Ø8257W

25X1D

NO AIRCRAFT OBSERVED.



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25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

25X1D

NO AIRCRAFT OBSERVED.

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

AIRCRAFT -- 35 FISHBED, 18 FAGOT/MIDGET, 3 FARMER, ONE POSSIBLE FARMER, 2 HOUND AND ONE T-6.

25X1D

SAN JULIAN AIRFIELD 2206N 08409W

25X1D

AIRCRAFT -- 2 PROBABLE LIAISON.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- 3 CONSTELLATION, 3 C-46, ONE C-54, 3 CRATE, 2 BRITANNIA, ONE COOT, AND ONE LODESTAR OBSERVED IN CLOUD-FREE AREAS.

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- ONE FAGOT/FRESCO, 3 CRATE, ONE C-47, ONE PBY, 7 COLT, AND 33 LIAISON-TYPE.

25X1D

MARIEL NAVAL AIR STATION 2300N 08246W

NO AIRCRAFT OBSERVED. OBLIQUITY PRECLUDES DETAILED VEHICLE COUNT.

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25X1A

PLAYA BARACDA AIRFIELD 2302N 08235W

AIRCRAFT -- 41 HOUND, 3 HARE (2 WITHOUT ROTORS), ONE BELL HELICOPTER, AND ONE C-47 OBSERVED IN CLOUD-FREE AREAS.

25X1D

MANAGUA AIRFIELD 2258N Ø8217W

NO AIRCRAFT OBSERVED.

25X1D

COLONEL MARTIN MARRERRO AIRFIELD 215ØN Ø8247W

NO AIRCRAFT OBSERVED.

25X1D

JAIME GONZALES AIRFIELD 2209N 08025W
NO AIRCRAFT OBSERVED.

25X1D

PINAR DEL RIO AIRFIELD 2225N 08341W

AIRCRAFT -- 2 LIAISON-TYPE.

25X1D

25X1D

TRINIDAD AIRFIELD 2147N Ø7959W

NO AIRCRAFT OBSERVED IN AREA COVERED.

-PORTS-

MARIEL PORT 2301N 08245W

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25X1D

VESSELS -- 11 KOMAR-CLASS PGMG, 2 PF
ONE PC, 2 LARGE FREIGHTERS AT MARIEL CITY PIER,
AND ONE COASTAL TANKER.

25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- 4 PT, 3 PC (2 KRONSHTADT-CLASS), 6 LARGE FREIGHTERS AND 2 COASTAL FREIGHTERS.
NO MILITARY ACTIVITY OBSERVED.

25X1D

NUEVA GERONA PORT 2153N Ø8248W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

LA ISABELA PORT 2256N Ø8ØØ1W

VESSELS -- 2 LARGE FREIGHTERS AND ONE COASTAL FREIGHTER OBSERVED.

25X1D

CARDENAS PORT 2302N 08112W

VESSELS -- 2 LARGE FREIGHTERS. NO MILITARY EQUIPMENT OBSERVED.

25X1D

CASILDA PORT 2145N Ø7959W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

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25X1A

25X1A

SANTA LUCIA PORT 2240N 08358W

NO LARGE VESSELS OBSERVED.

25X1D

MATANZAS PORT 2303N 08134W

VESSELS -- 2 LARGE FREIGHTERS, ONE COASTAL FREIGHTER, ONE LARGE TANKER, AND 2 COASTAL TANKERS. NO MILITARY EQUIPMENT OBSERVED.

25X1D

SURGIDERO DE BATABANO PORT 2241N Ø8218W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

HAVANA PORT 2308N 08221W

VESSELS -- ONE KOMAR-CLASS PGMG ON MARINE RAILWAY, 7 PC (ONE KRONSHTADT-CLASS), 2 PF, 3 PT, 29 LARGE FREIGHTERS (ONE AT ANCHOR IN HARBOR WITH 10 PROBABLE CARGO TRUCKS FOR DECK CARGO), 2 COASTAL FREIGHTERS, ONE PASSENGER SHIP (ON THE NORTH SIDE OF THE SANTA CLARA PIER), 2 LARGE TANKERS, AND 2 TRAWLERS OBSERVED IN CLOUD-FREE AREAS.

JUST NORTH OF THE PORT AT UTM COORDINATES
17Q LR628606 (AMS E723, SHEET 3785 III) THERE IS
AN OCCUPIED 6-GUN AAA SITE. JUST NW OF THE
AAA SITE AT UTM COORDINATES 17Q LR627608 ARE 17
FA PIECES IN A LINE AND 11 POSSIBLE FA PIECES.

25X1D

25X1D

25X1A

LA COLOMA PORT 2214N Ø8334W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

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CABANAS PORT 2259N Ø8256W

25X1A

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

BAHIA HONDA PORT 2255N Ø8311W

NO LARGE VESSELS OR MILITARY EQUIPMENT_OBSERVED.

25X1D

-ELECTRONICS-

HAVANA AREA, COMMUNICATIONS CENTER 2301N 08225W

NO APPARENT CHANGE IN FACILITIES. TWENTY-TWO VAN TRUCKS AND 8 OTHER VEHICLES OBSERVED.

25X1D

MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CAMP 2223N Ø8342W

NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 50 VEHICLES OBSERVED. EARLY MORNING SHADOWS LIMIT INTERPRETATION.

25X1D

LA FLORA AREA, MILITARY STORAGE 2252N Ø8233W

NO APPARENT CHANGE IN FACILITIES. TWENTY-SEVEN VEHICLES AND 6 POSSIBLE FA PIECES OBSERVED. SHADOWS AND FOLIAGE PRECLUDE FURTHER INTERPRETATION.

25X1D

ARTEMISA, MILITARY CAMP 2251N Ø8248W

NO APPARENT CHANGE IN FACILITIES. ONE HUNDRED THIRTY-FIVE CARGO TRUCKS, 4 PROBABLE 25X1A

25X1A

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FROG MISSILE TRANSPORTERS, AT LEAST 3 SNAPPERS, 3 UNIDENTIFIED TRACKED VEHICLES, AT LEAST 17 TANKS/SP GUNS, 53 EIGHT-WHEELED APC, 2 LOWBOY TRAILERS, 4 UTILITY TRUCKS, AND 7 CARGO TRAILERS OBSERVED. THE 6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED. FOLIAGE AND SHADOWS LIMIT INTERPRETATION.

25X1D

LA BOCA, MILITARY CAMP 2301N 08242W

NO APPARENT CHANGE IN FACILITIES.

THIRTY-EIGHT VEHICLES AND 4 LARGE TENTS OBSERVED.

25X1D

BAHIA HONDA, MILITARY CAMP 2258N Ø8311W

NO APPARENT CHANGE IN FACILITIES. SIX VEHICLES OBSERVED.

25X1D

CABANAS AREA, MILITARY CAMP 2256N Ø8251W

NO APPARENT CHANGE IN FACILITIES. SIX VEHICLES OBSERVED.

25X1D

MINAS, AMMUNITION STORAGE AREA 2307N 08211W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

NO APPARENT CHANGE IN FACILITIES. NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

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25X1A

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N Ø822ØW

NO APPARENT CHANGE IN FACILITIES.
CAMP CONTAINS 8 TANKS/SP GUNS, 3 UNIDENTIFIED TRACKED VEHICLES, 4 PROBABLE FROG MISSILE TRANSPORTERS, 22 CARGO TRUCKS, 7 UNIDENTIFIED VEHICLES, AND 4 TRUCK MOUNTED TREADWAY BRIDGES.
THE 6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED.
FOLIAGE AND SHADOWS PRECLUDE FURTHER INTERPRETATION.

25X1D

25X1A

SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP 2255N Ø821ØW

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

25X1D

TORRENS, MILITARY COMPLEX 2259N Ø8228W

NO APPARENT CHANGE SINCE

25X1D

MADRUGA, POL STORAGE 2256N Ø8149W

25X1D

NO APPARENT CHANGE IN FACILITIES. FIVE UNIDENTIFIED VEHICLES OBSERVED.

LIMONAR AREA, MILITARY CAMP 2256N Ø8124W

MAIN CAMP — 6 LARGE, 4 MEDIUM AND 2 SMALL TENTS, 21 VAN TRUCKS, AND 13 UNIDENTIFIED VEHICLES OBSERVED IN CLOUD-FREE AREAS.
AREA .5 NM WEST — 14 PROBABLE VAN TRUCKS, 2 UNIDENTIFIED VEHICLES, AND 4 CANVAS-COVERED VEHICLES OR PIECES OF EQUIPMENT.
TANK TRAINING AREA — NO APPARENT CHANGE IN PERMANENT BUILDINGS. EIGHT LARGE (4 NOT OF A KNOWN SOVIET TYPE), 2 MEDIUM AND 2 SMALL TENTS, 3Ø PROBABLE TANKS/SP GUNS, AND 24 UNIDENTIFIED VEHICLES OBSERVED.

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25X1D

25X1A

2258N Ø8217W MANAGUA, MILITARY CAMP

APPROXIMATELY 30 LOWBOY TRAILERS, 3 TANKS/SP GUNS AND APPROXIMATELY 50 UNIDENTIFIED VEHICLES OBSERVED NORTH OF RUNWAY. APPROXIMATELY 250 VEHICLES OBSERVED SOUTH OF RUNWAY.

25X1D

25X1A

SANTA FE AREA, MILITARY ACTIVITY 2143N Ø8249W

NO APPARENT CHANGE IN FACILITIES. NO UNUSUAL ACTIVITY OBSERVED. FOLIAGE AND SHADOWS LIMIT INTERPRETATION.

25X1D

NAZARENO, MILITARY AREA 2258N Ø8214W

FOURTEEN PROBABLE TANKS/SP GUNS AND 12 UNIDENTIFIED

VEHICLES OBSERVED.

25X1D

25X1A

GUANABO AREA, MILITARY AREA 2311N Ø82Ø3W

NO APPARENT CHANGE IN FACILITIES. THREE CARGO TRUCKS OBSERVED.

25X1D

CAMPO FLORIDO, MILITARY CAMP 2307N 08206W

SEVEN TANKS/SP GUNS, 5 POSSIBLE FA PIECES, AND 4 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.

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25X1A

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W



25X1D

CAMP CONTAINS 7 BARRACKS-TYPE AND 2 SMALLER BUILDINGS. 30 PROBABLE CARGO TRUCKS. AND 18 PROBABLE FA PIECES.

GUANABACOA, MILITARY AREA 2307N 08215W

25X1A

EAST AREA -- 38 PROBABLE TRACKED PRIME MOVERS, 25 CARGO TRUCKS, AND 6 FA PIECES OBSERVED.

WEST AREA -- 14 CARGO TRUCKS AND 10 PROBABLE FA PIECES OBSERVED.

25X1D

25X1A

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

APPROXIMATELY 175 VEHICLES OBSERVED.

25X1D

HAVANA AREA, MILITARY CAMP 2300N 08218W

AREA 1 — AT LEAST 10 TANKS/SP GUNS AND APPROXIMATELY 55 OTHER VEHICLES.

AREA 2 -- 20 VEHICLES.

AREA 3 -- 17 TANKS/SP GUNS AND APPROXIMATELY 25 OTHER VEHICLES.

AREA 4 -- 2 FA PIECES AND 4 VEHICLES.

AREA 5 -- 4 CARGO TRUCKS AND 16 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT.

25X1D

25X1A

GUANE, MILITARY CAMP 2212N Ø84Ø8W

APPROXIMATELY 12 VEHICLES OR PIECES OF EQUIPMENT VISIBLE.

EARLY MORNING SHADOWS AND FOLIAGE LIMIT INTERPRETATION.

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-MISCELLANEOUS ACTIVITY-

25X1A

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W



25X1A

25X1D

NO APPARENT CHANGE IN FACILITIES.
FORTY CARGO TRUCKS, 36 PROBABLE CARGO TRUCKS, AND 21
UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

MANAGUA, MUNITIONS STORAGE SITE 2258N Ø8218W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N Ø8223W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION 2224N Ø7953W

NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

25X1D

CABANAS, SECURED AREA U/C 2258N Ø8258W

NO APPARENT CHANGE IN FACILITIES.
THE 16 UNIDENTIFIED CRATES REMAIN.
APPROXIMATELY 10 VEHICLES OBSERVED.

25X1D

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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE-

25X1A

****		2242N Ø83Ø8W
SAN CRISTOBAL MRBM SITE 3		2239N Ø7951W
SAGUA LA GRANDE MRBM SITE 2		2246N Ø8258W
SAN CRISTOBAL MRBM SITE 4		2218N Ø8332W
LA COLOMA SAM SITE		2257N Ø8317W
BAHIA HONDA SAM SITE		23Ø9N Ø8213W
HAVANA SAM SITE		2137N Ø8257W
SIGUANEA SAM SITE		2241N Ø8249W
MAJANA SAM SITE		2137N Ø8258W
CTGHANFA CRUISE-MISSILE SITE		2156N Ø8Ø19W
A CIEDRA CRITISE-MISSILE SITE		2228N Ø8347W
MESTANZA, EXPLOSIVES STORAGE SITE		2258N Ø8227W
SPECIAL AREA ALPHA		2301N Ø8246W
SPECIAL AREA HOTEL		225ØN Ø8233W
SPECIAL AREA BRAVO BLUE		2254N Ø8231W
SPECIAL AREA BRAVO RED		23ØØN Ø8234W
SPECIAL AREA VICTOR		2258N Ø8244W
SPECIAL AREA TANGO		231ØN Ø8212W
TARARA LANDING BEACH		23Ø1N Ø8126W
MATANZAS LANDING BEACH		2308N 08118W
VARADERO LANDING BEACH		2202N 08036W
CIENELIEGOS LANDING BEACH		2202N 08025W
ENSENADA COLORADO LANDING BEACH		
DIAVA COLOMBO LANDING BEACH	25X1D	
PLAYA DE FLAMENCOS LANDING BEACH	20/(10	
PLATA DE TOUR TOUR CONSTRUCTION		23Ø1N Ø8245W

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

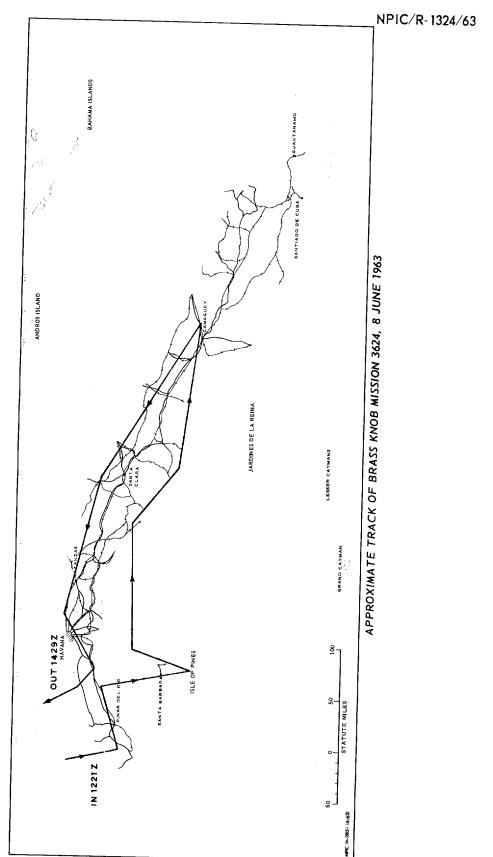
MATANZAS CITY, LA CUMBRE ALTA

25X1A

23Ø4N Ø8133W

SANTA LUCIA SAM SITE MARIEL SAM SITE DELEITE SAM SITE GUERRA POSSIBLE CRUISE-MISSILE SITE SANTA CLARA AREA, MILITARY ACTIVITY LA ROSITA AREA, STORAGE INSTALLATION	23ØØN 2259N 23ØØN 2221N 22Ø8N	Ø8355W Ø8249W Ø8Ø45W Ø825ØW Ø7957W Ø8ØØ4W Ø7958W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2206N	MOCEIR

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